

1 **SECTION 9-29, ILLUMINATION, SIGNALS, ELECTRICAL**
2 **January 2, 1996**

3 **9-29.6(1) Steel Light and Signal Standards**

4 The first paragraph is revised to read:

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6 Steel plates and shapes for light and signal standards shall conform to the
7 requirements of AASHTO M 183. Shafts for light and signal standards, except
8 Type PPB signal standards, shall conform to AASHTO M 223, Grade 50. Shafts
9 and caps for Type PPB signal standards, slipfitters for type PS, I, FB, and RM
10 signal standards, and all pipes shall conform to ASTM A 53, Grade B. Base
11 plates for light and signal standards shall conform to AASHTO M 183.
12 Connecting bolts shall conform to AASHTO M 164. Fasteners for handhole
13 covers, bands on lighting brackets, and conductor attachment brackets shall
14 conform to ASTM F 593.

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16 **9-29.6(2) Slip Base Hardware**

17 This section is revised to read:

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19 Slip plates and anchor plates for light standards and for Type FB and RM signal
20 standards shall conform to the requirements of AASHTO M 223, Grade 50. The
21 keeper plate shall be 28 gage, conforming to ASTM A 526, coating G 90.
22 Clamping bolts for slip base assemblies and slip base adapters shall conform to
23 AASHTO M 164. Studs and bolts for slip base adapters shall conform to
24 AASHTO M 164. Nuts shall conform to AASHTO M 291, Grade DH. Hardened
25 washers shall conform to AASHTO M 293. Plate washers shall conform to
26 AASHTO M 183.

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28 **9-29.6(5) Foundation Hardware**

29 The first sentence of the first paragraph is revised to read:

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31 Anchor bolts for Type PPB, PS, I, FB, and RM signal standards shall conform to
32 the requirements of ASTM A 307.

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34 **9-29.13(7)D Controller Cabinets**

35 Item No. 1 in the first paragraph is revised to read:

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- 37 1. Construction shall be of 0.073-inch minimum thickness Type 304 stainless
38 steel, 0.125-inch minimum thickness sheet aluminum, or cast aluminum.
39 Cabinets shall be finished inside with an approved finish coat of exterior
40 white enamel and outside with an approved enamel finish, light gray or
41 aluminum in color. As an alternate to painting, the outside and inside of
42 aluminum cabinets may be clear anodized.

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44 Item No. 6 in the first paragraph is deleted.